

# PP-V4-CA-USB3A-PP/IP20-P-P-STR-1.0



Part number	09 45 445 2911
Specification	PP-V4-CA-USB3A-PP/IP20-P-P-STR-1.0
HARTING eCatalogue	https://b2b.harting.com/09454452911

Image is for illustration purposes only. Please refer to product description.

#### Identification

Category	System cabling
Series	HARTING PushPull (V4)
Element	Cable assemblies
Specification	Pre-assembled on both sides
Connector 1	HARTING PushPull (V4) USB 3.0 Type A
Connector 2	IP20 USB 3.0 Type A
Type of cable	Copper cable (round)

## Version

Cable length	1 m
Shielding	Shielded
Number of cores	8
Core structure	4x AWG 26/7
	2x AWG 28/7
	2x AWG 22/7

#### **Technical characteristics**

Rated current	1.5 A
Rated voltage	30 V DC
Insulation resistance	>10 <sup>8</sup> Ω
Contact resistance	≤30 mΩ
Limiting temperature	-40 +85 °C

Page 1 / 3 | Creation date 2021-02-25 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com



# Technical characteristics

Insertion force	≤35 N
Withdrawal force	≥15 N
Mating cycles	≥750
Degree of protection acc. to IEC 60529	IP65 IP67
Cable diameter	6.2 mm
Test voltage U <sub>r.m.s.</sub>	0.5 kV (contact-contact) 0.5 kV (contact-ground)
Data rate	5 Gbit/s
Impedance	90 Ω ±15 %

# Material properties

Material (insert)	Liquid crystal polymer (LCP)
Material (contacts)	Copper alloy
Surface (contacts)	Sn over Ni Termination side Au over Ni Mating side
Material (cable)	PVC
Colour (cable)	Black
Material (overmoulding)	Polyamide (PA)
Colour (overmoulding)	Black
Material flammability class acc. to UL 94	V-0
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	No
REACH ANNEX XIV substances	No
REACH SVHC substances	No

# Specifications and approvals

Specifications	IEC 61076-3-106 Variant 4 (V4)
Commercial data	
Packaging size	1
Country of origin	Malaysia
European customs tariff number	85444290

Page 2 / 3 | Creation date 2021-02-25 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com Product data sheet 09 45 445 2911 PP-V4-CA-USB3A-PP/IP20-P-P-STR-1.0



Commercial data

eCl@ss

27060390 Ready-made data cable (unspecified)

Page 3 / 3 | Creation date 2021-02-25 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com